

Amendments to the Claims

Please amend the claims as shown below in the complete listing of claims:

1. (Currently Amended) An autonomously movable home extraction cleaning robot comprising:

- a) a base housing;
- b) a drive system mounted to said base housing, said drive system adapted to autonomously move said base housing on a substantially horizontal surface having boundaries;
- c) a computer processing unit for storing, receiving and transmitting data, said computer processing unit attached to said base housing;
- d) a dusting assembly operatively associated with said base housing and adapted to selectively rest on a surface to be cleaned;
- e) a cleaning fluid delivery system for depositing a cleaning fluid on the surface to be cleaned;
- f) a suction nozzle mounted on the base housing for withdrawing dirt-and-debris and liquid from the surface to be cleaned;
- g) a squeegee adjacent the suction nozzle and adapted to contact the surface to be cleaned;
- h) a recovery tank mounted on the base housing and in fluid communication with the suction nozzle;
- i) a suction source mounted to the base housing and in fluid communication with the suction nozzle and the recovery tank for drawing dirt-and-debris and liquid through the suction nozzle and depositing the same in the recovery tank; and
- j) a power source connected to said drive system and said computer processing unit, whereby said computer processing unit directs horizontal movement of said base housing within the boundaries of the surface to be cleaned based upon input data defining said boundaries.

2. (Cancelled)

3. (Currently Amended) ~~An~~ The autonomously movable home extraction cleaning robot according to claim 2~~1~~ and further comprising an agitator mounted on the base housing for agitating contact with the surface to be cleaned.

4. (Currently Amended) ~~An~~ The autonomously movable home extraction cleaning robot according to claim 3 and further comprising floor condition sensors mounted on base housing for detecting a floor condition and for generating a control signal that forms a part of the input data to the computer processing unit.

5. (Currently Amended) ~~The An~~-autonomously movable home extraction cleaning robot according to claim 4 wherein the computer processing unit controls at least one of the agitator, the delivery of fluid by the fluid delivery system, the suction source and the drive system in response to the control signal.

6. (Currently Amended) ~~The An~~-autonomously movable home extraction cleaning robot according to claim 5 and further comprising proximity sensors mounted on base housing for detecting a the boundaries of the surface to be cleaned and for generating a second control signal that forms a part of the input data to the computer processing unit

7. (Currently Amended) ~~The An~~-autonomously movable home extraction cleaning robot according to claim 6 wherein the computer processing unit controls the drive system in response to the second control signal to keep the base housing within the boundaries of the surface to be cleaned.

8. (Currently Amended) ~~The An~~-autonomously movable home extraction cleaning robot according to claim 1 wherein the input data is a remote control signal.

9. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 1 wherein the input data comprises a program that guides the base assembly housing through a predetermined path on the surface to be cleaned.

10. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 1 wherein the drive system comprises at least one wheel that is driven by a drive motor.

11. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 1 wherein the dusting cloth assembly is removably mounted to a pad that forms a support for the dusting clothassembly.

12. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 1 and further comprising an agitator mounted on the base housing for agitating contact with the surface to be cleaned.

13. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 12 and further comprising floor condition sensors mounted on base housing for detecting a floor condition and for generating a control signal that forms a part of the input data to the computer processing unit.

14. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 13 wherein the computer processing unit controls at least one of the agitator, the suction source and the drive system in response to the control signal.

15. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 14 and further comprising proximity sensors mounted on the base housing for

detecting the boundaries of the surface to be cleaned and for generating a second control signal that forms a part of the input data to the computer processing unit.

16. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 15 wherein the computer processing unit controls the drive system in response to the second control signal to keep the base housing within the boundaries of the surface to be cleaned.

17. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 1 and further comprising floor condition sensors mounted on the base housing for detecting a floor condition and for generating a control signal that forms a part of the input data to the computer processing unit.

18. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 17 wherein the computer processing unit controls at least one of the suction source and the drive system in response to the control signal.

19. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 1 and further comprising proximity sensors mounted on the base housing for detecting the boundaries of the surface to be cleaned and for generating a second control signal that forms a part of the input data to the computer processing unit

20. (Currently Amended) The An-autonomously movable home extraction cleaning robot according to claim 19 wherein the computer processing unit controls the drive system in response to the second control signal to keep the base housing within the boundaries of the surface to be cleaned.

21. (Canceled)

22. (New) The autonomously movable home extraction cleaning robot according to claim 1 wherein the suction nozzle is generally positioned at a forward portion of the base housing and the dusting assembly is generally positioned at a rearward portion of the base housing.

23. (New) The autonomously movable home extraction cleaning robot according to claim 22 wherein the squeegee is positioned rearwardly of the suction nozzle.

24. (New) The autonomously movable home extraction cleaning robot according to claim 23 and further comprising an agitator mounted within the suction nozzle for agitating contact with the surface to be cleaned.

25. (New) The autonomously movable home extraction cleaning robot according to claim 24 wherein the cleaning fluid delivery system comprises a fluid distributor positioned forwardly of the suction nozzle.

26. (New) The autonomously movable home extraction cleaning robot according to claim 1 wherein the dusting assembly comprises:

a dusting pad attached to a bottom surface of the base housing; and
a removable dusting cloth associated with the dusting pad.